

Fig. 1

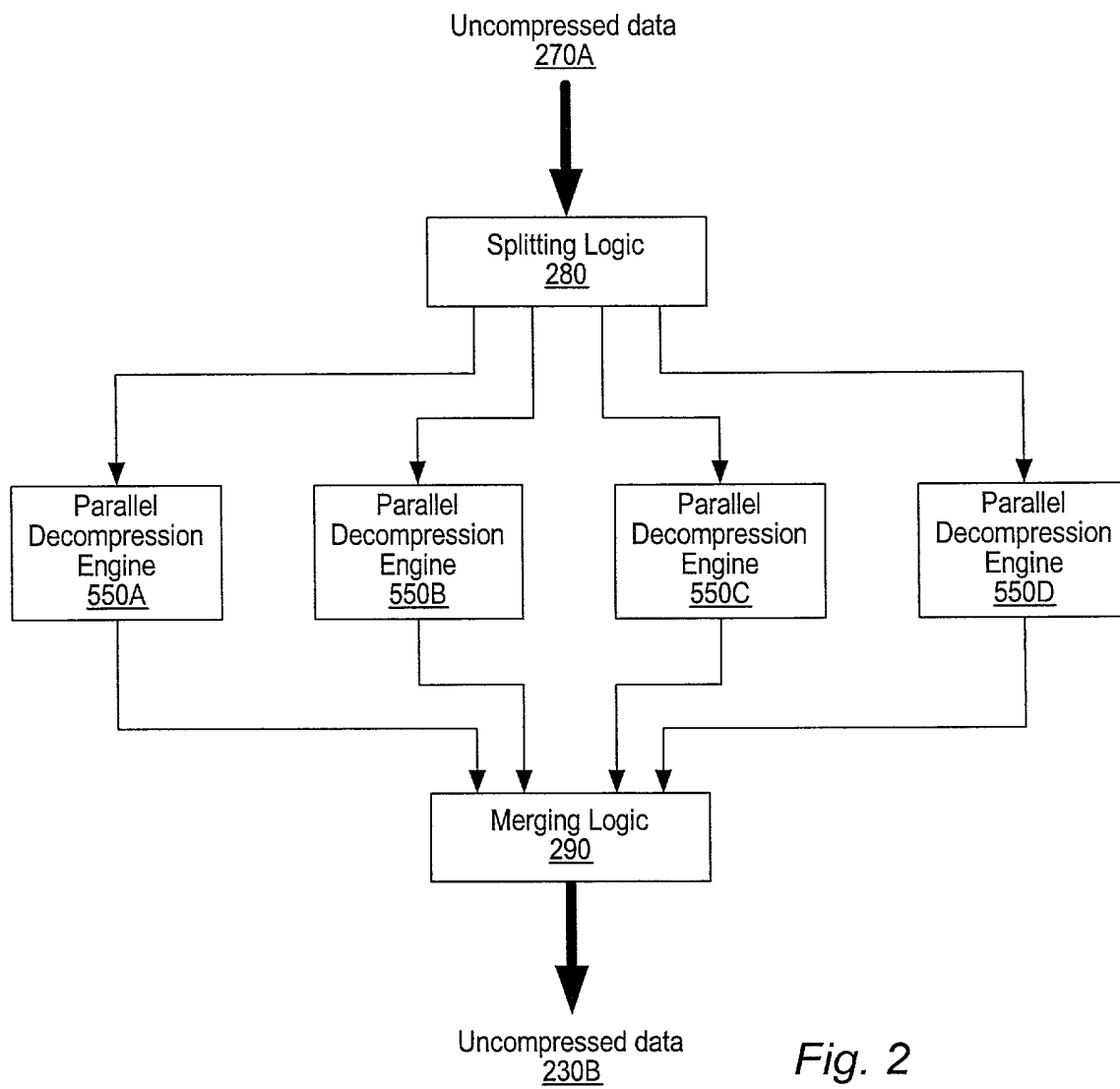
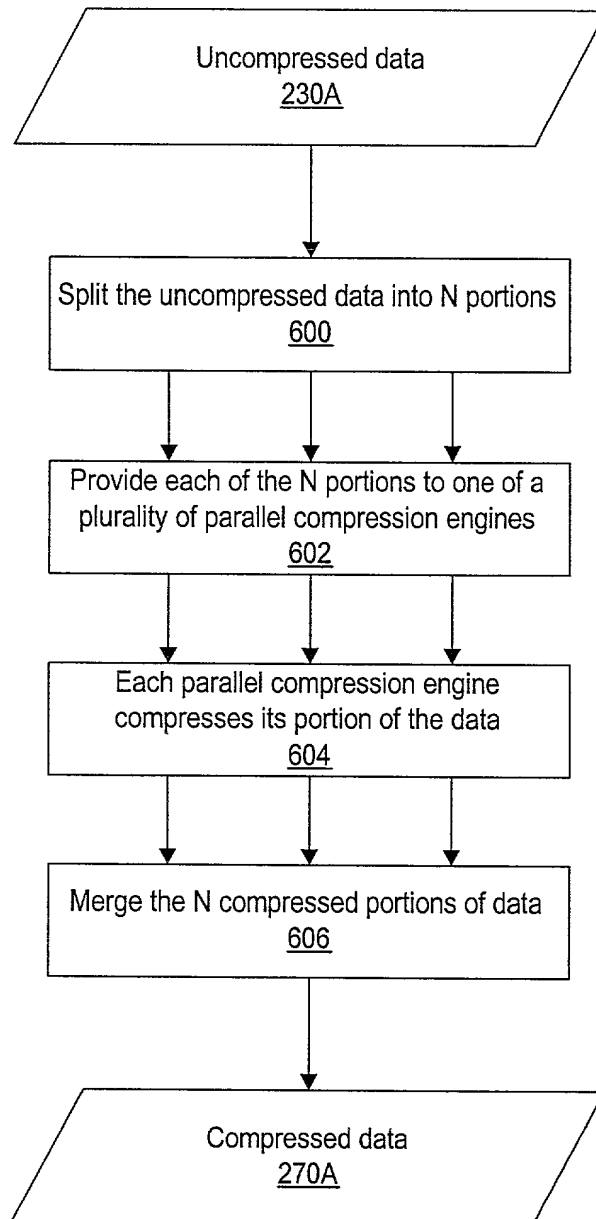
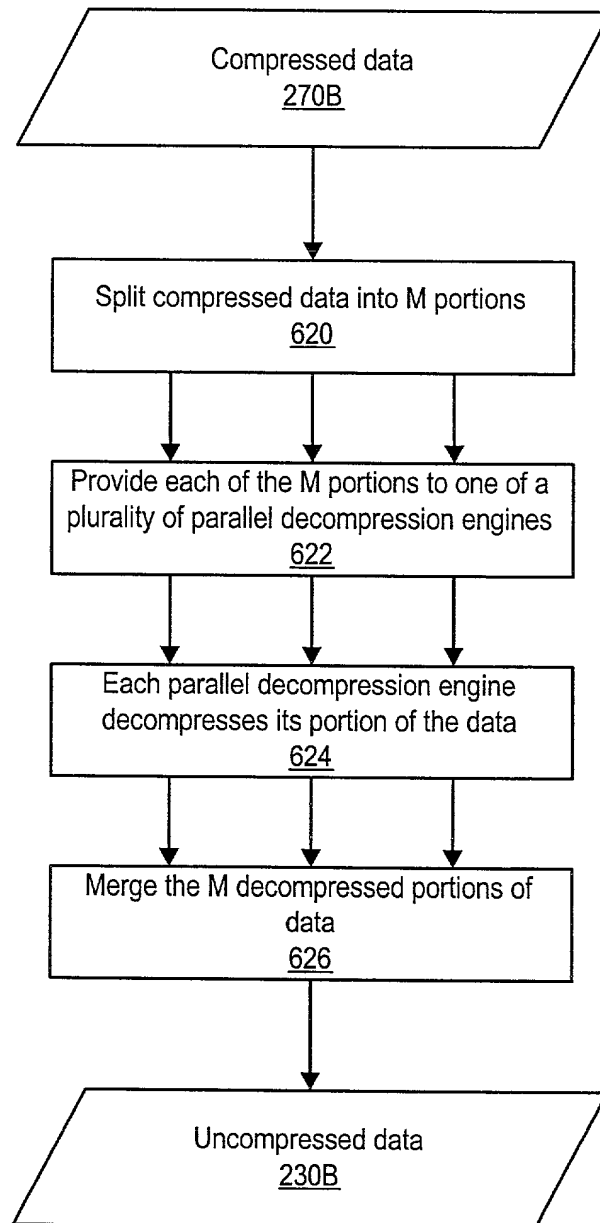


Fig. 2

*Fig. 3*

*Fig. 4*

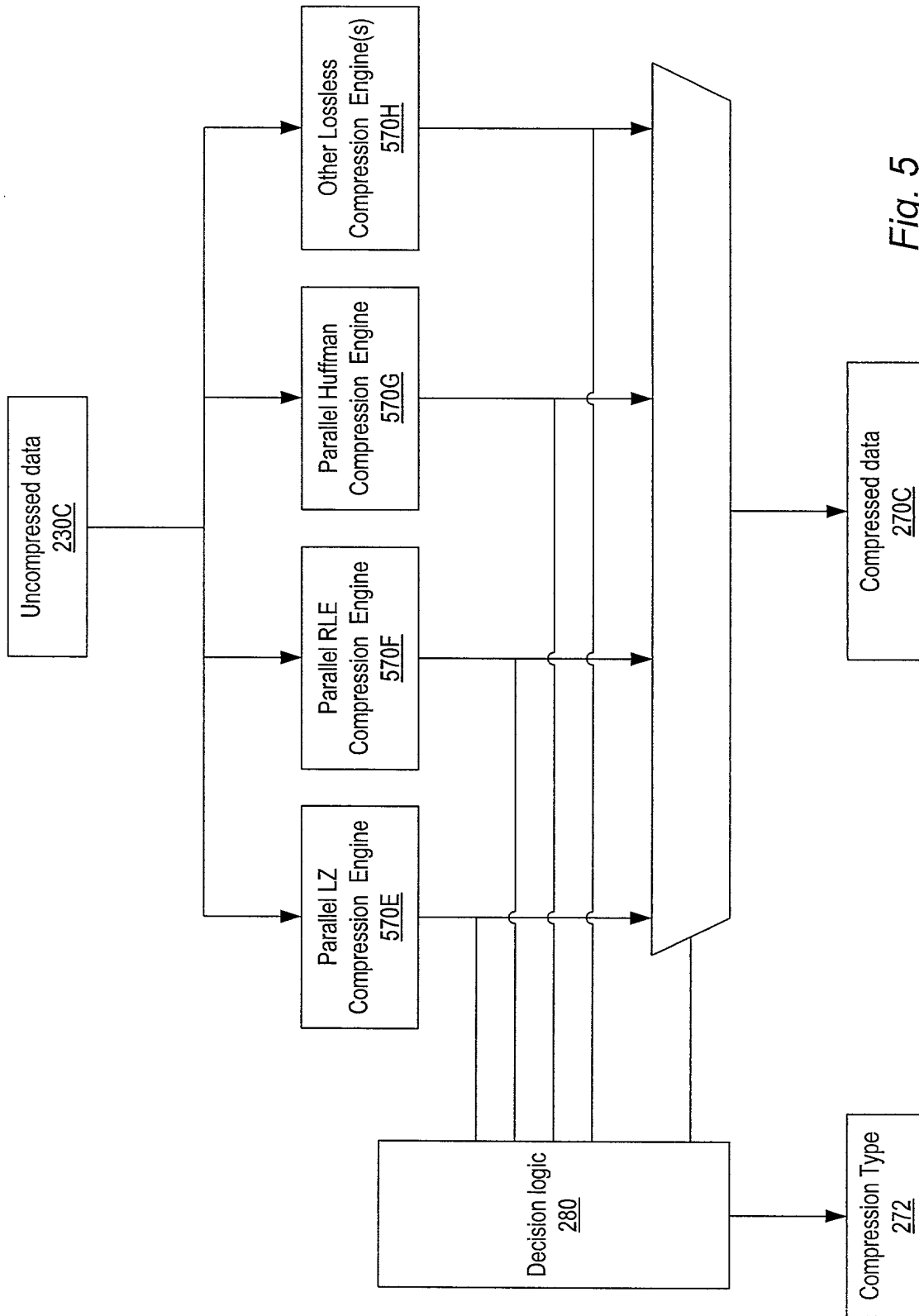
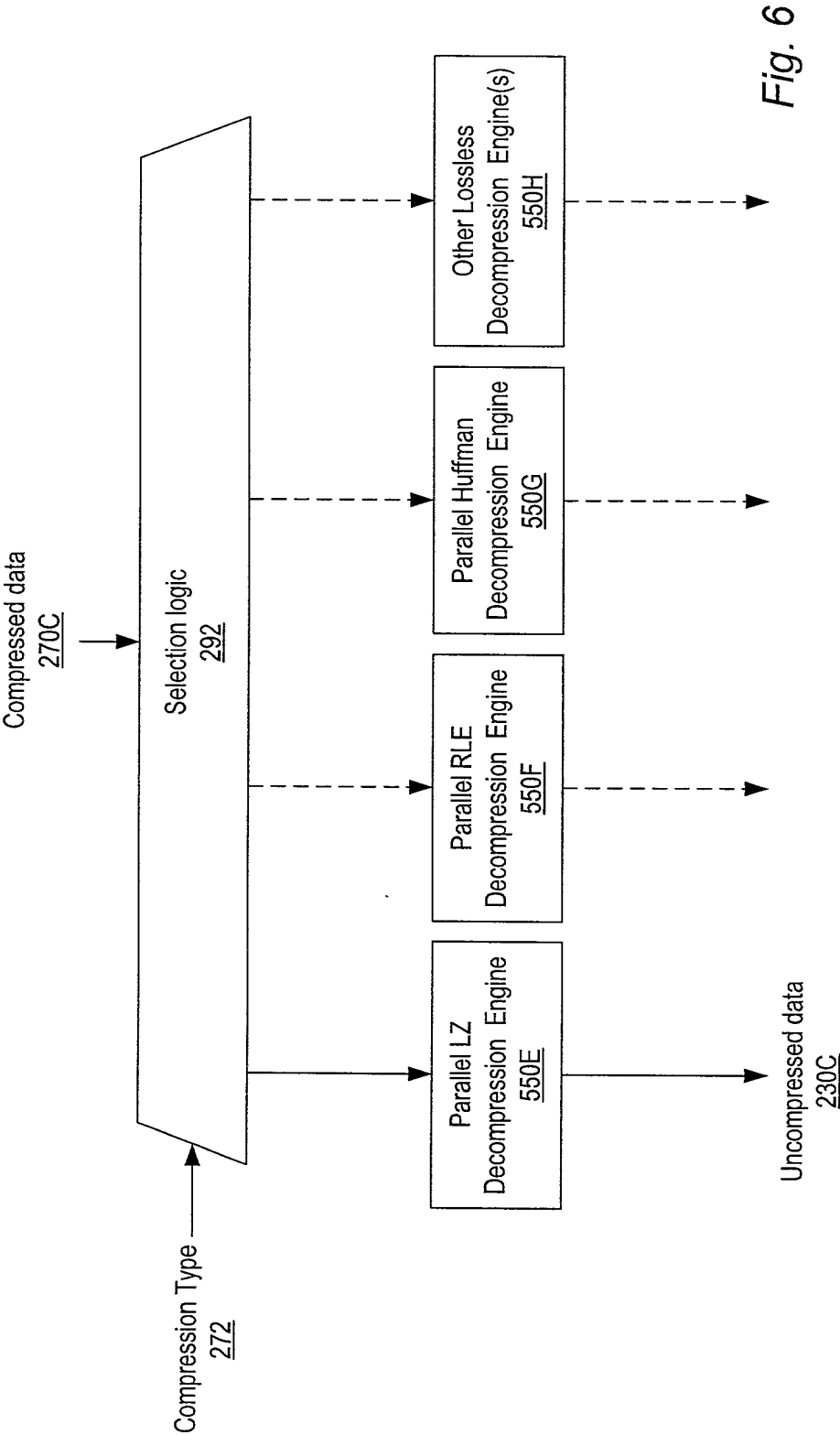
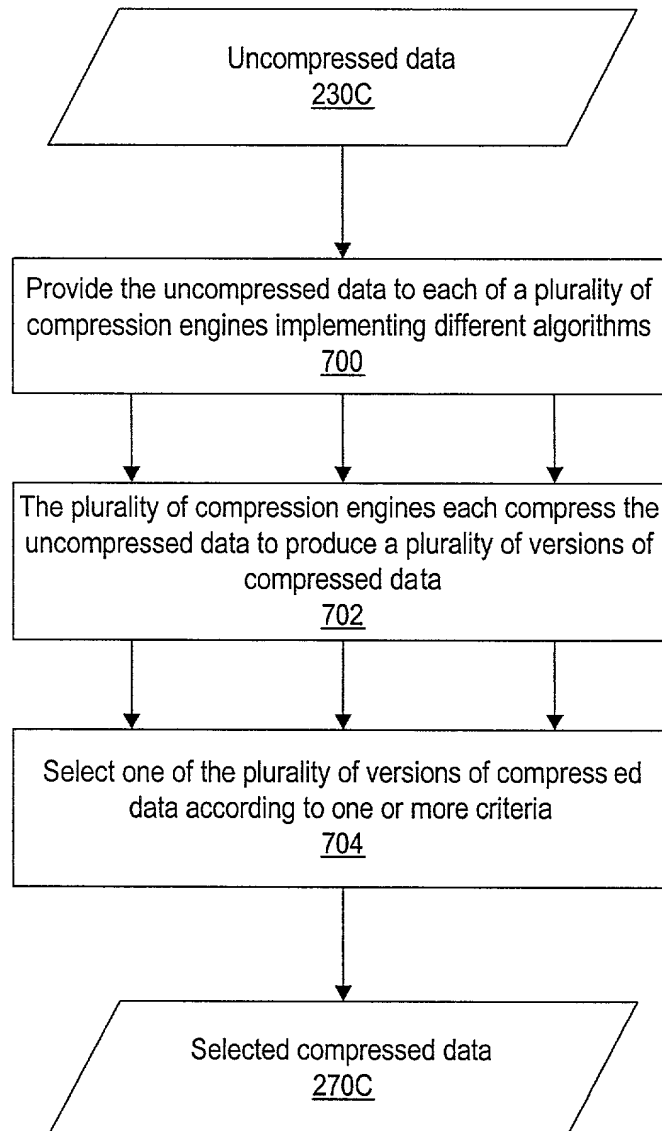


Fig. 5



*Fig. 7*

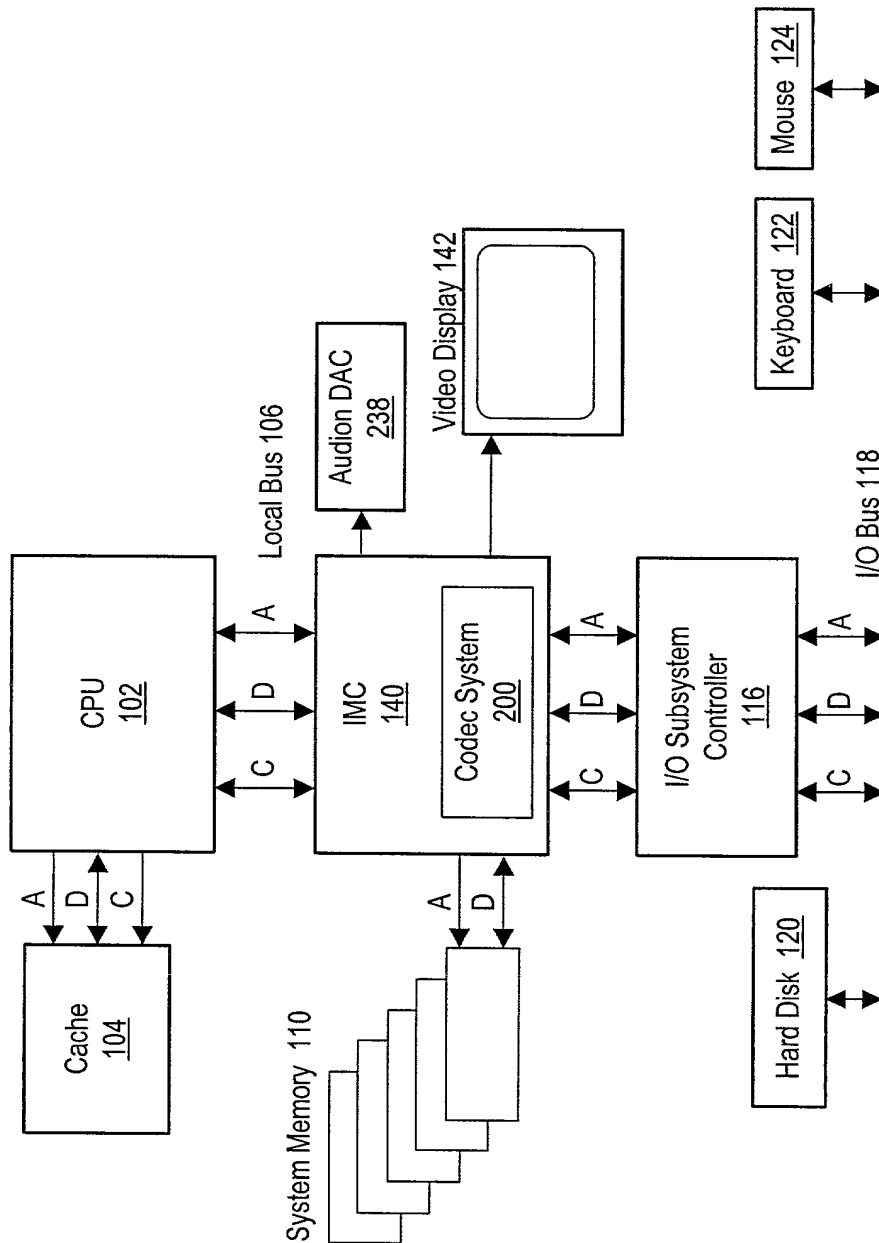


Fig. 8a

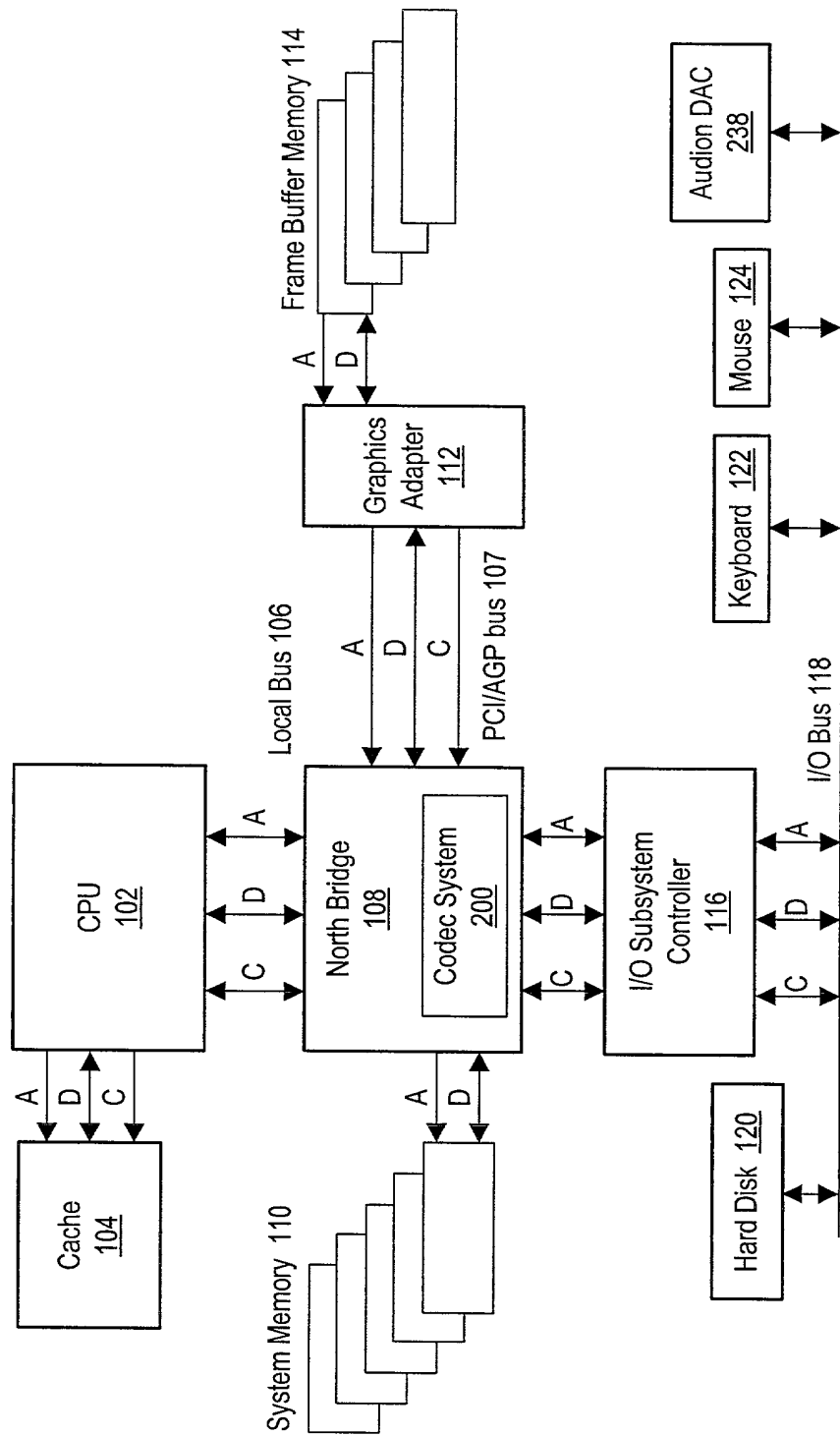


Fig. 8b

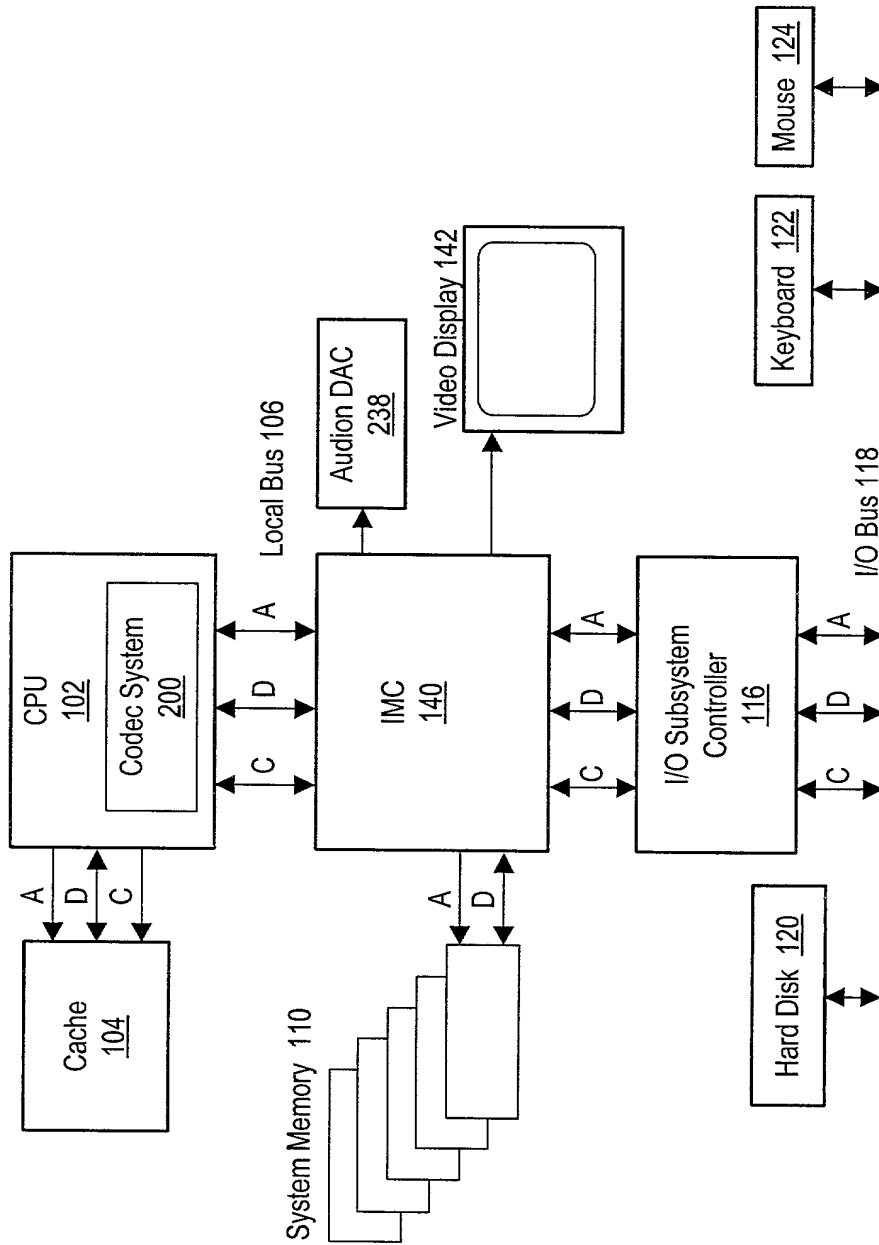


Fig. 8c

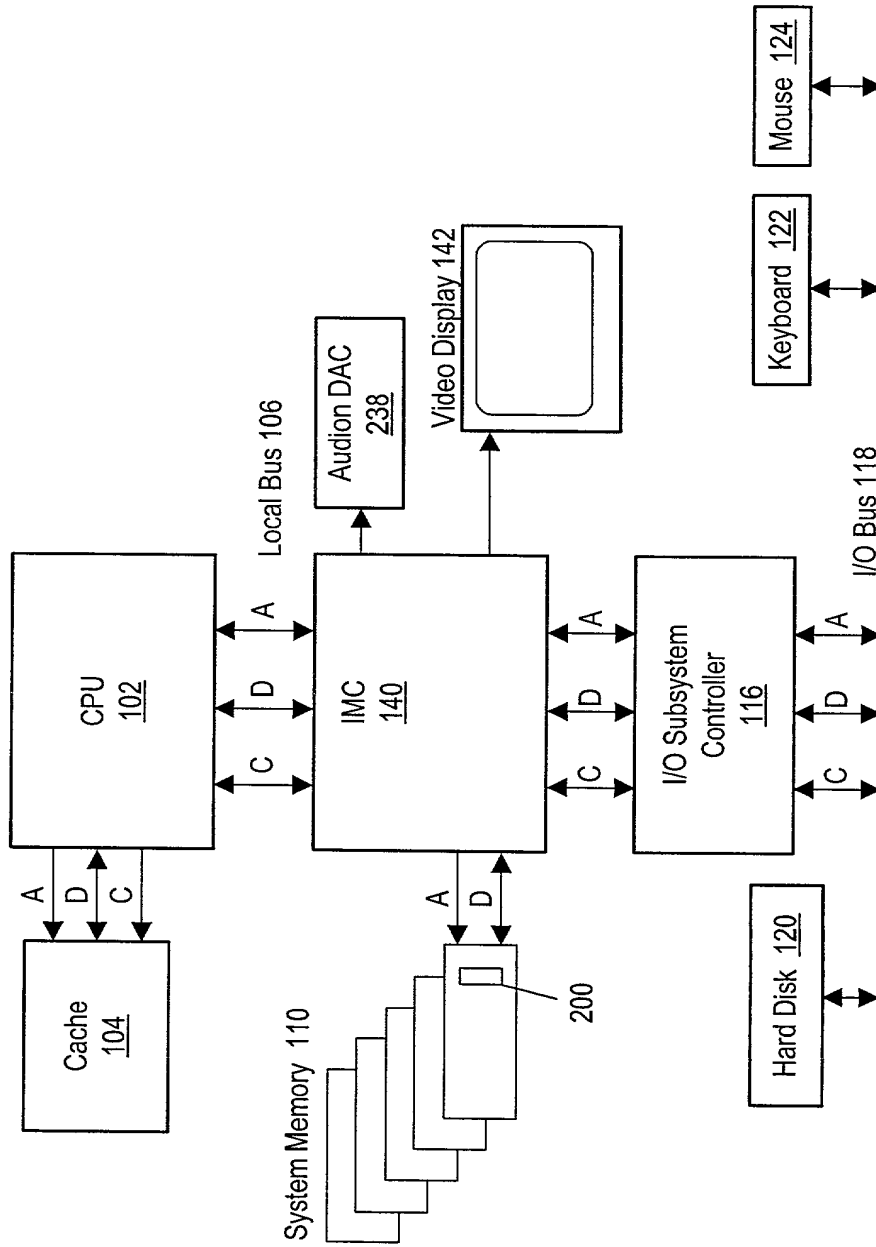


Fig. 8d

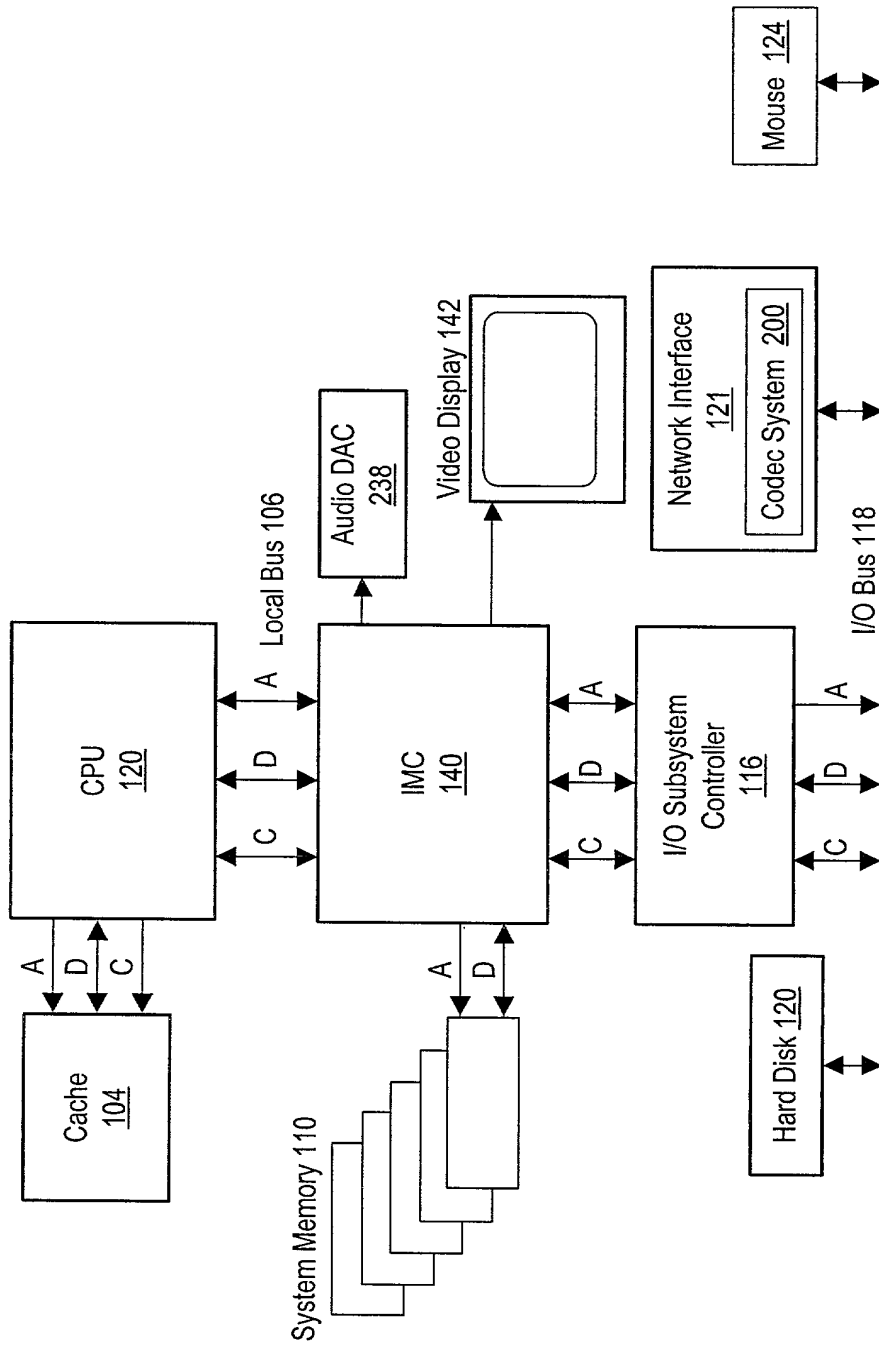
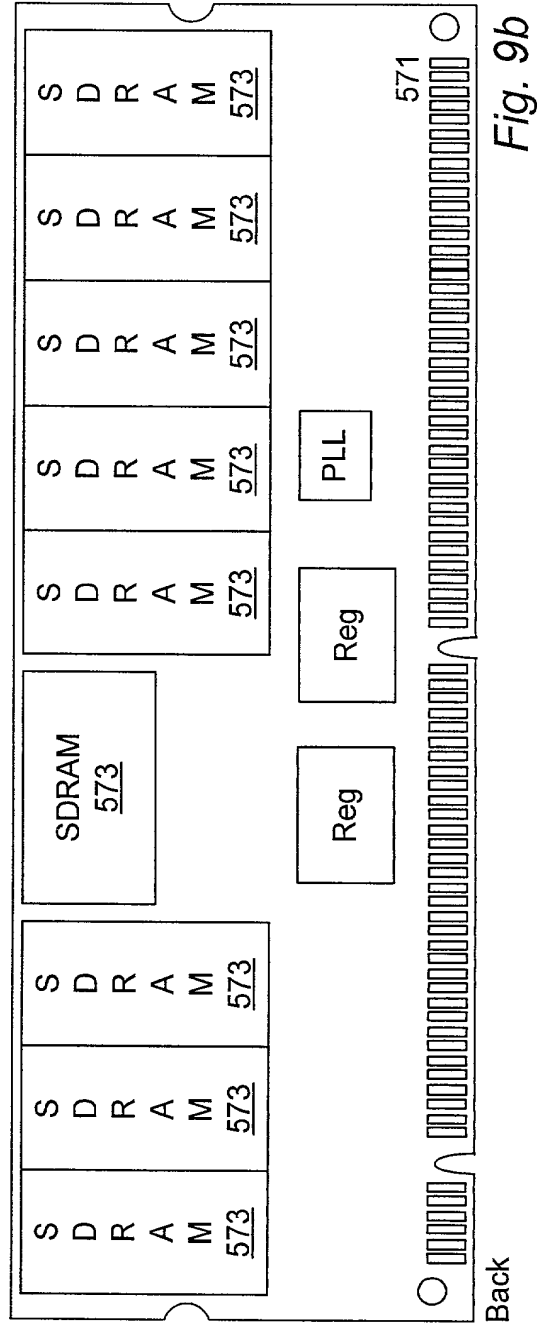
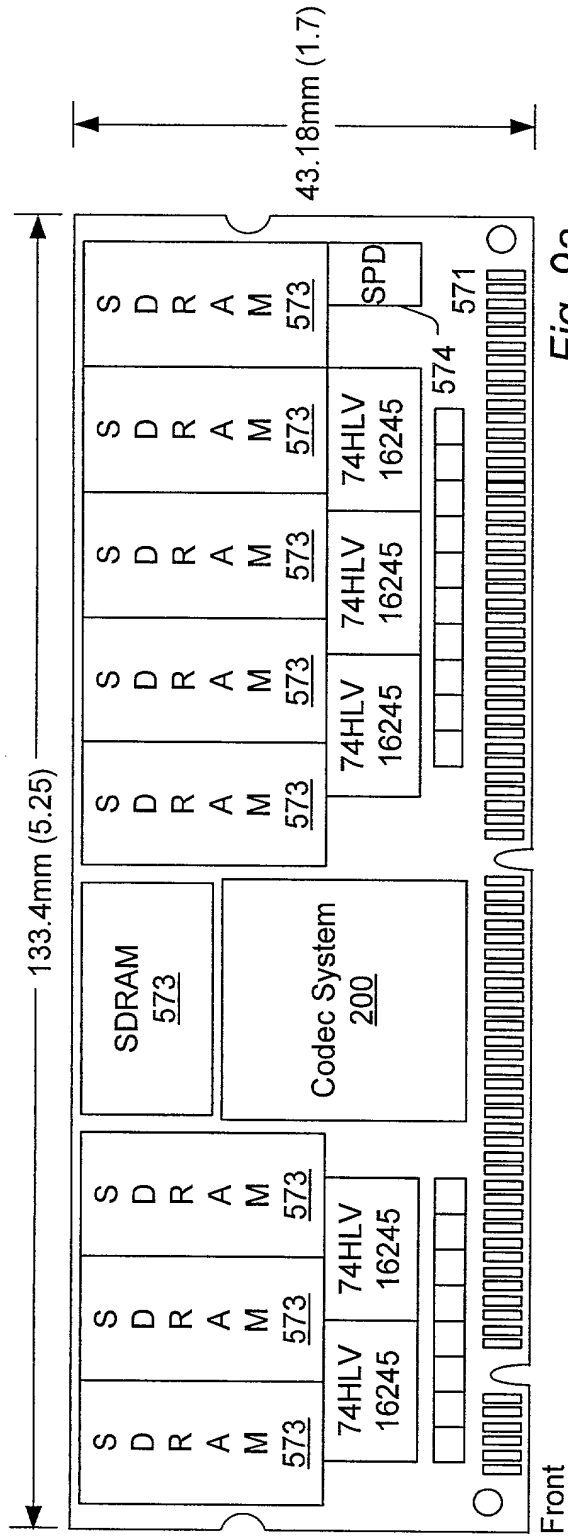
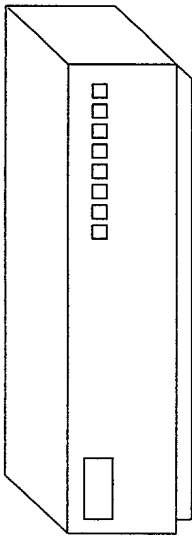


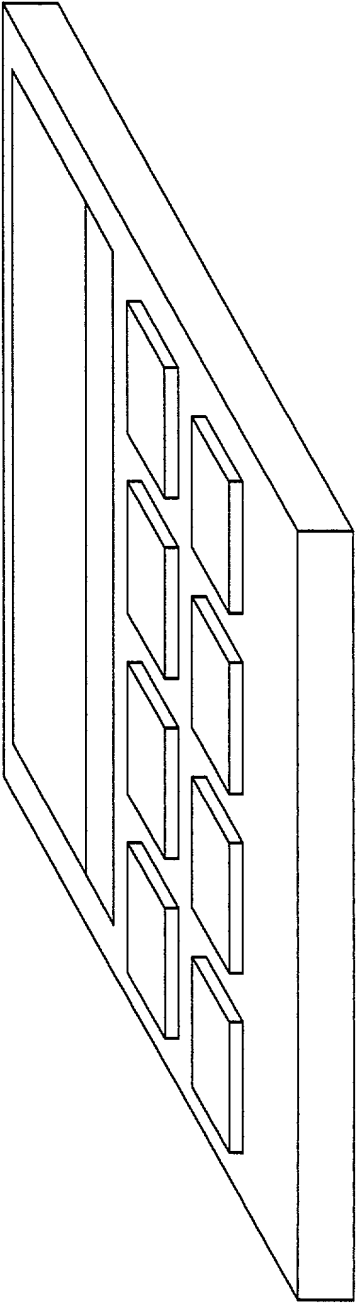
Fig. 8e





Network Device 130

Fig. 10



PDA

Fig. 11

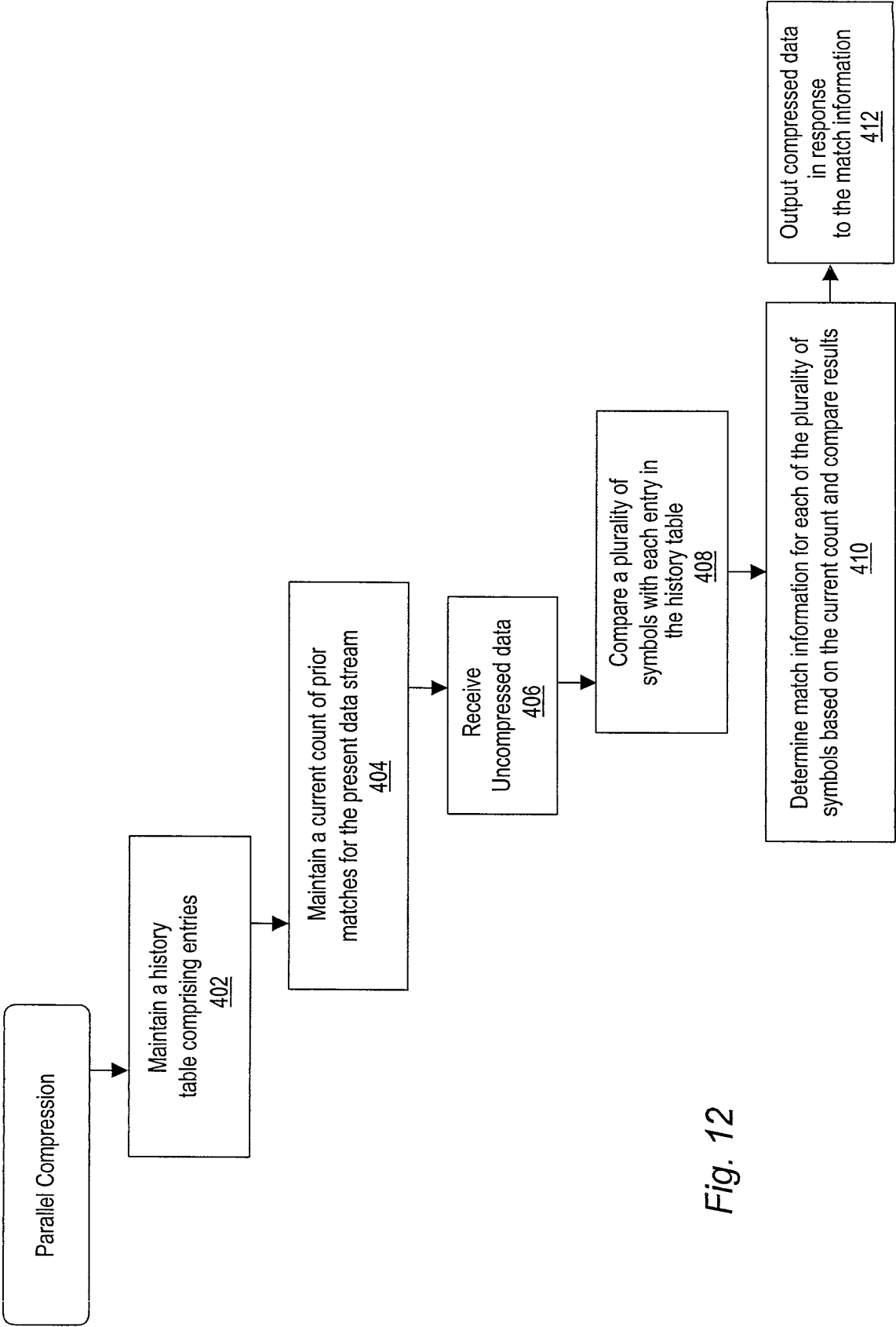


Fig. 12

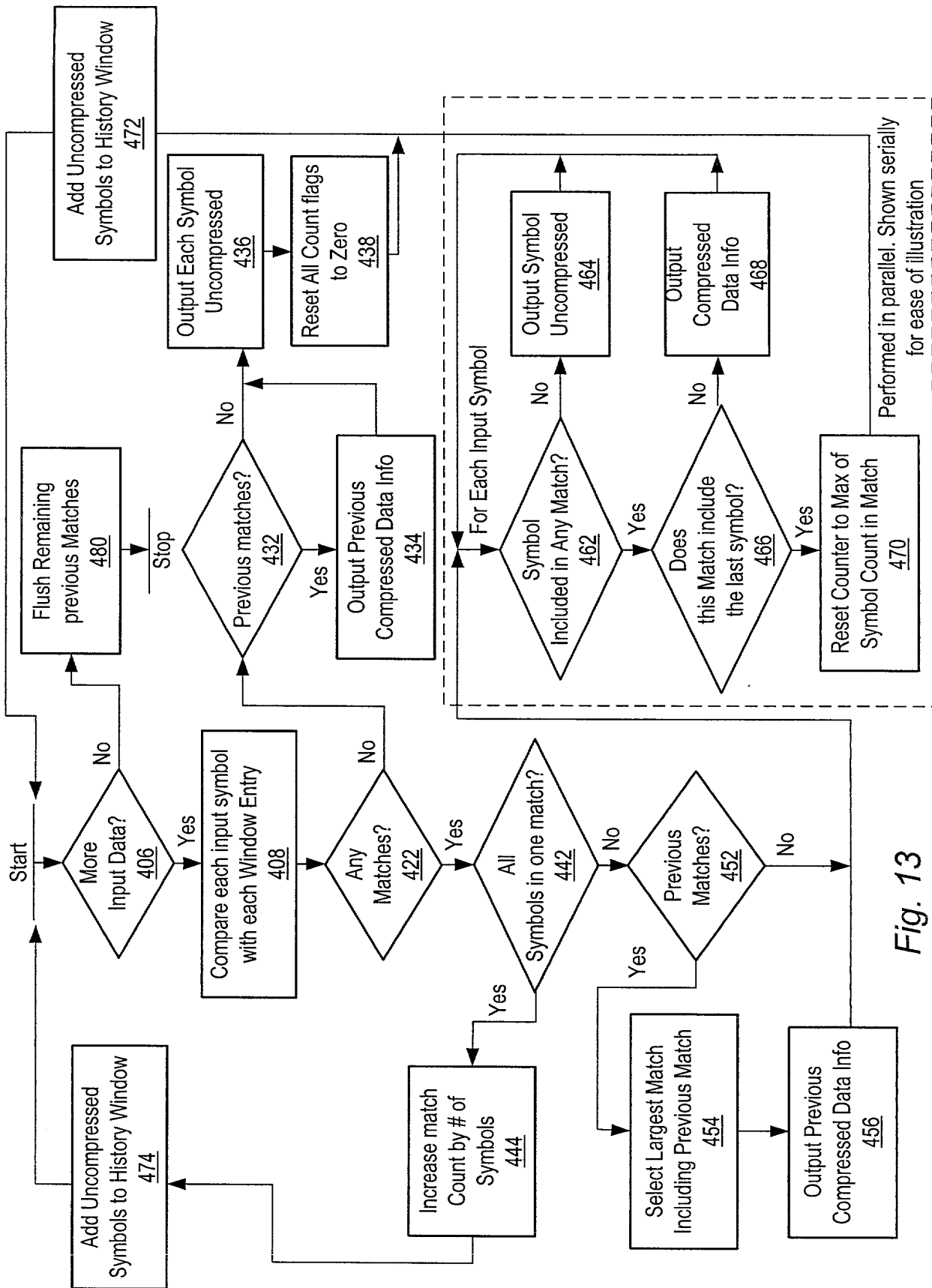


Fig. 13

| Bytes Compressed | Flag | Index | Count | Data | Bits Used |
|---------------------|---------|-------|-------|------|-----------|
| 0 | 0 | - | - | 8b | 9 |
| 1 | 10 | 6b | - | - | 8 |
| 2 | 1100 | 6b | - | - | 10 |
| 3 | 1101 | 6b | - | - | 10 |
| 4 | 1110 | 6b | - | - | 10 |
| 5 | 1111000 | 6b | - | - | 13 |
| 6 | 1111001 | 6b | - | - | 13 |
| 7 | 1111010 | 6b | - | - | 13 |
| 8 | 1111011 | 6b | - | - | 13 |
| 9 | 1111100 | 6b | - | - | 13 |
| 10 | 1111101 | 6b | - | - | 13 |
| 11 | 1111110 | 6b | - | - | 13 |
| >11 | 1111111 | 6b | 12b | - | 25 |

Fig. 14

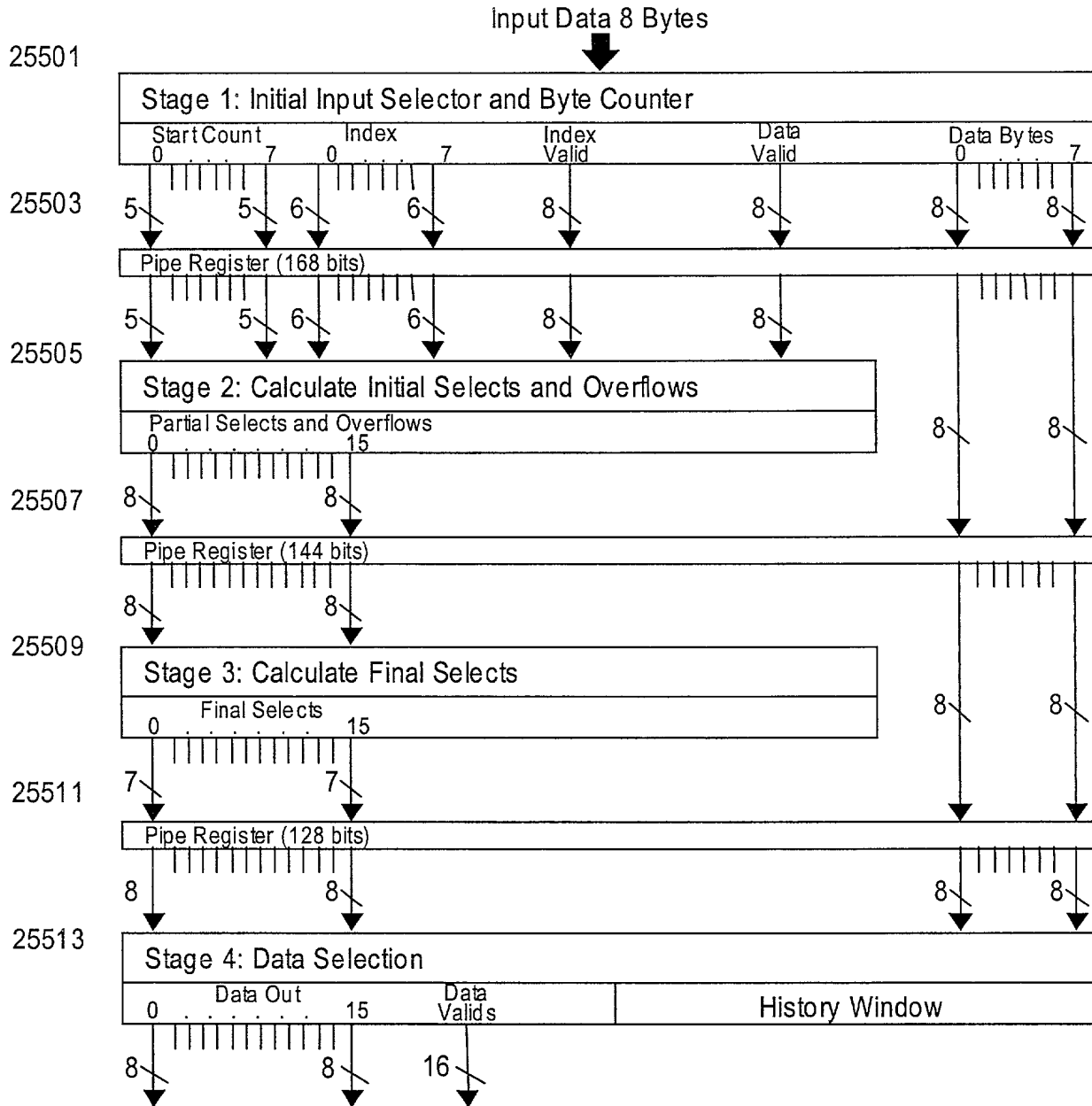


Fig. 15

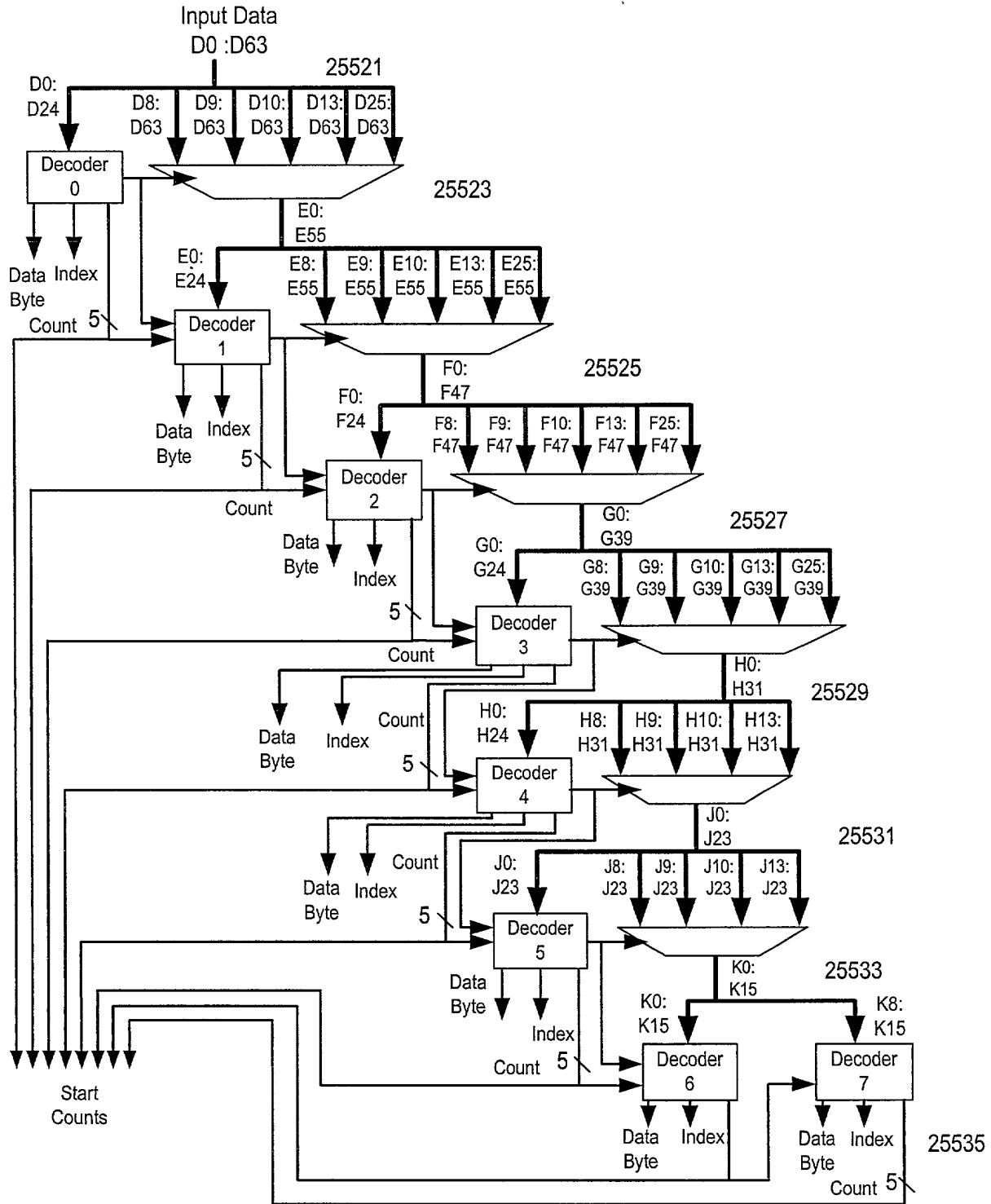


Fig. 16

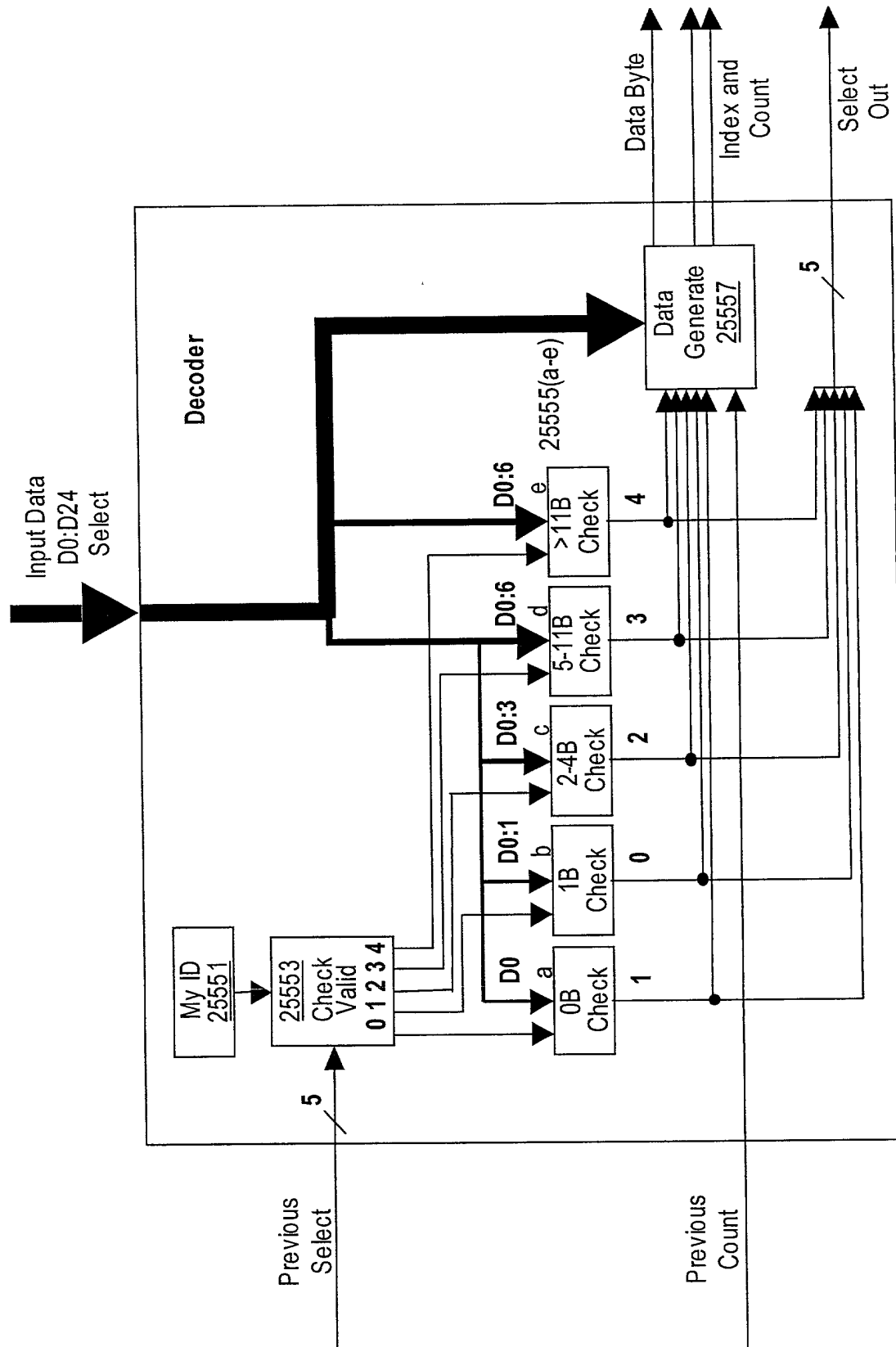


Fig. 17

Stage 2 - Calculate Selects & Overflows

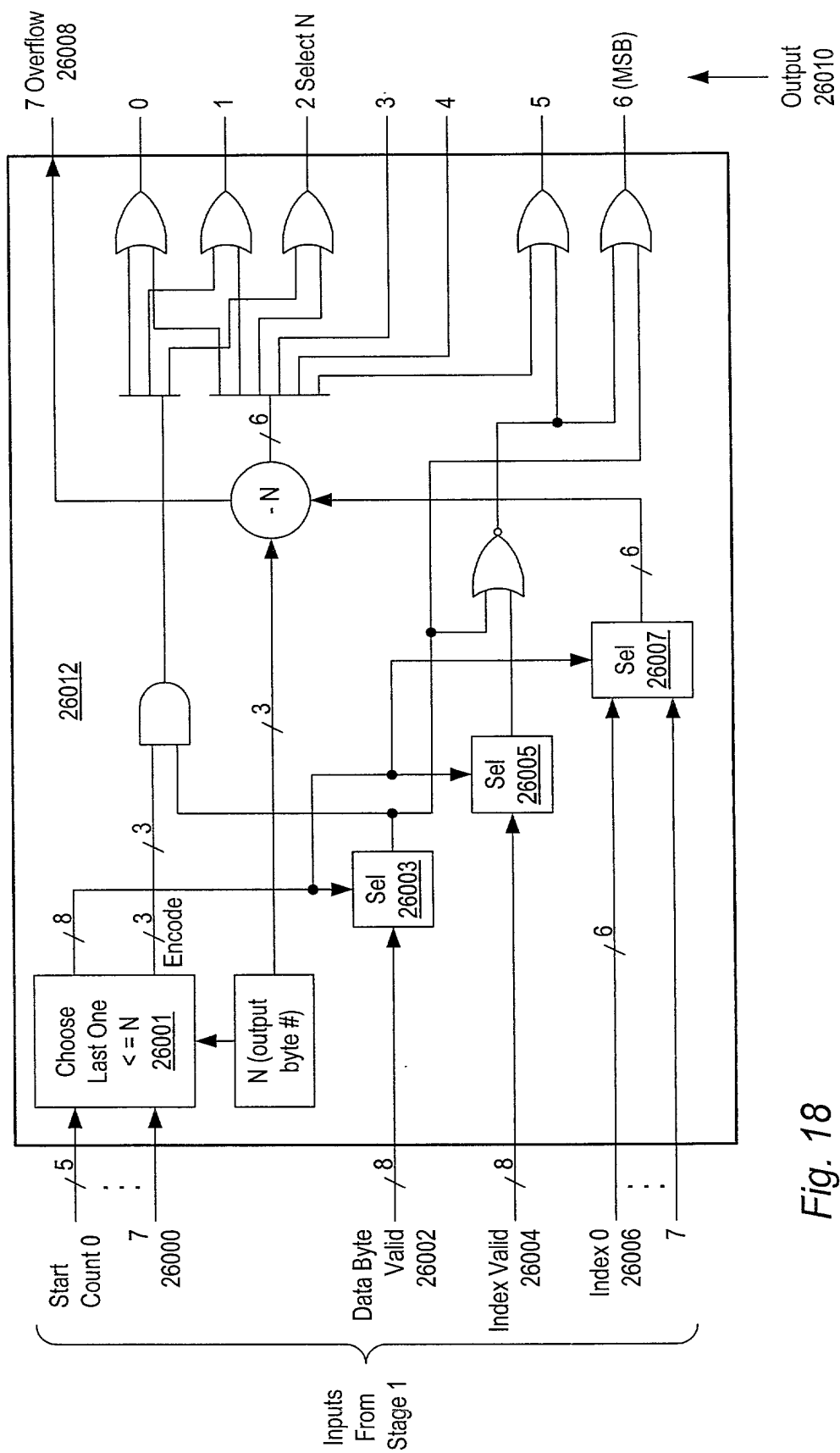
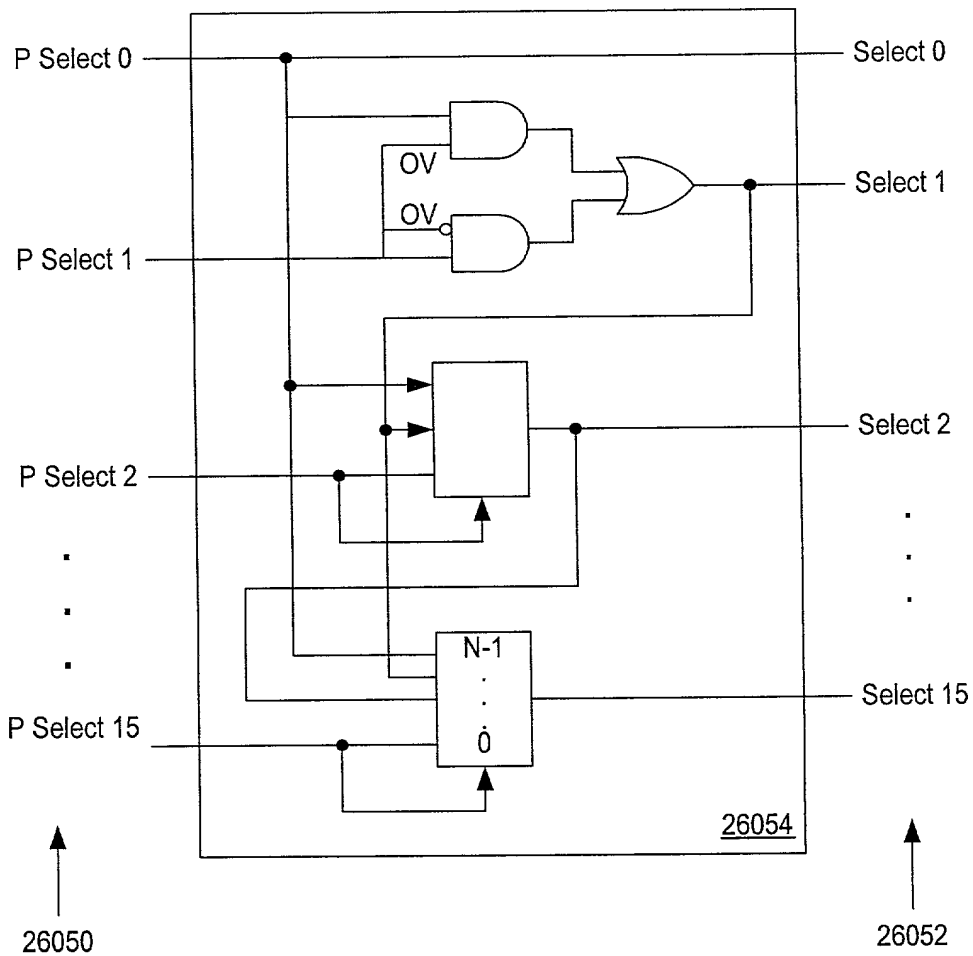


Fig. 18



Stage 3

Fig. 19

Decompression data flow

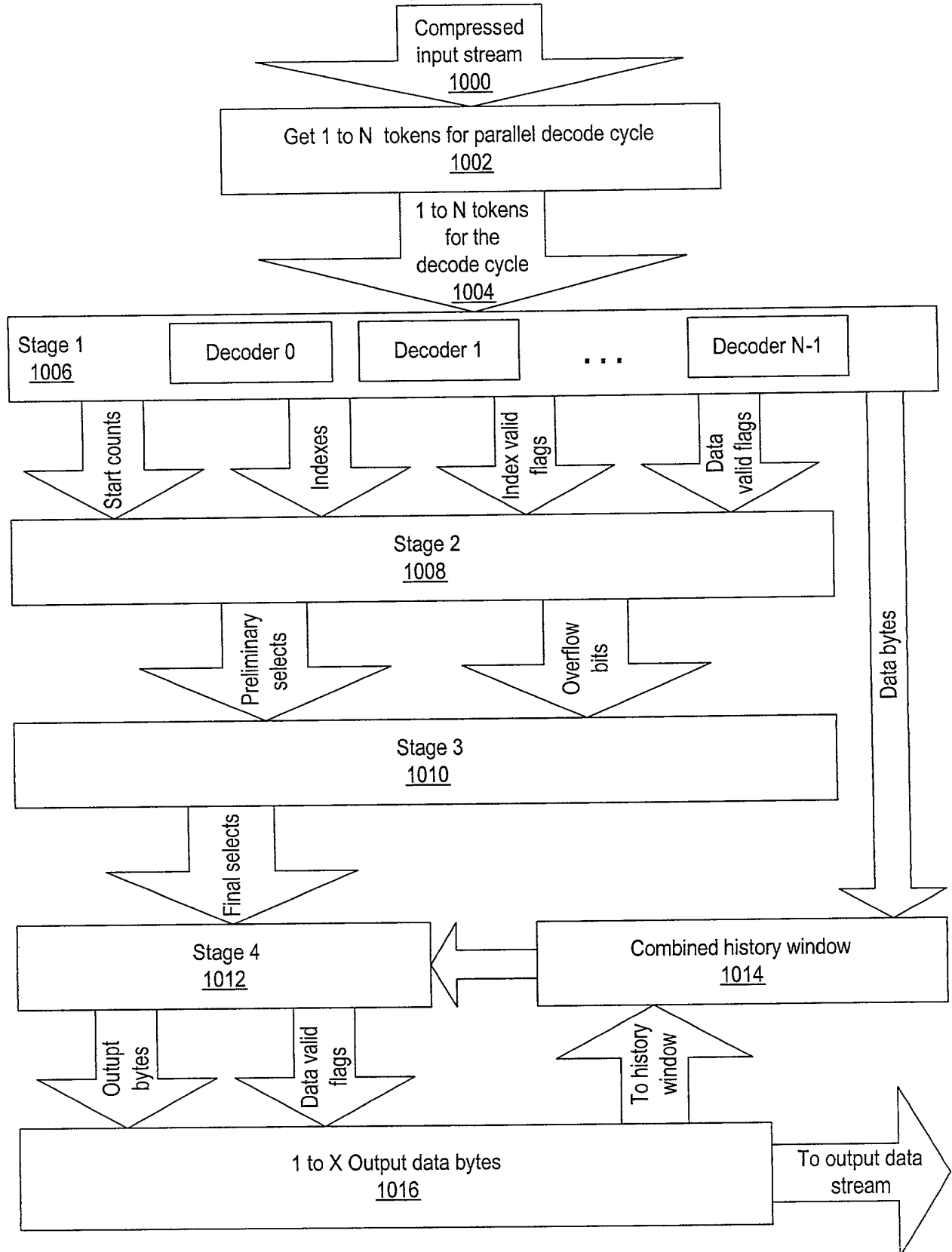
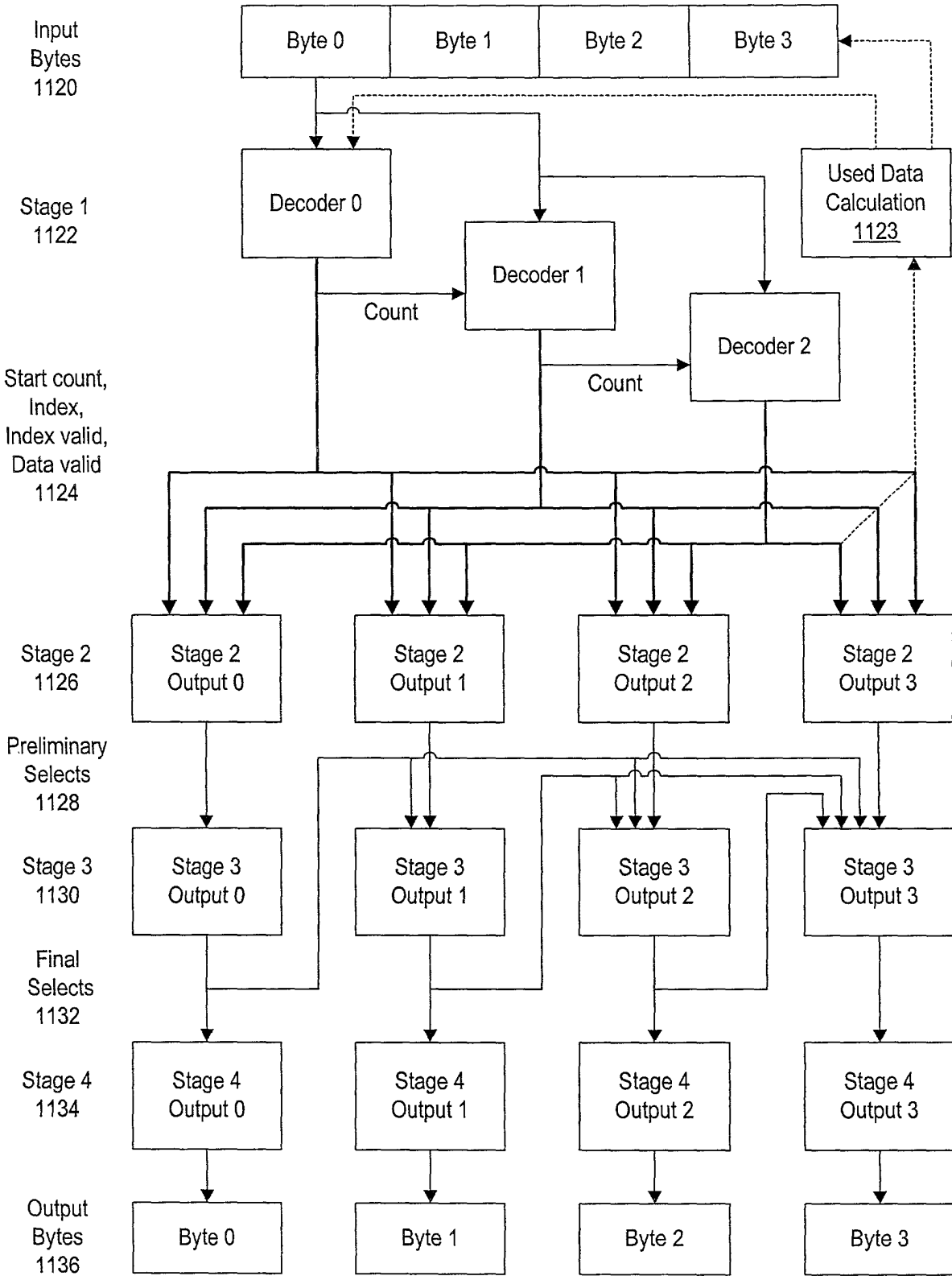
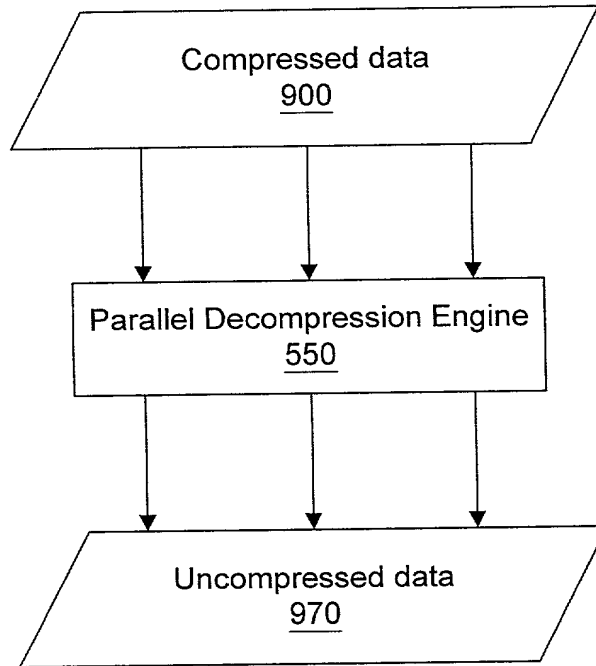


Fig. 21

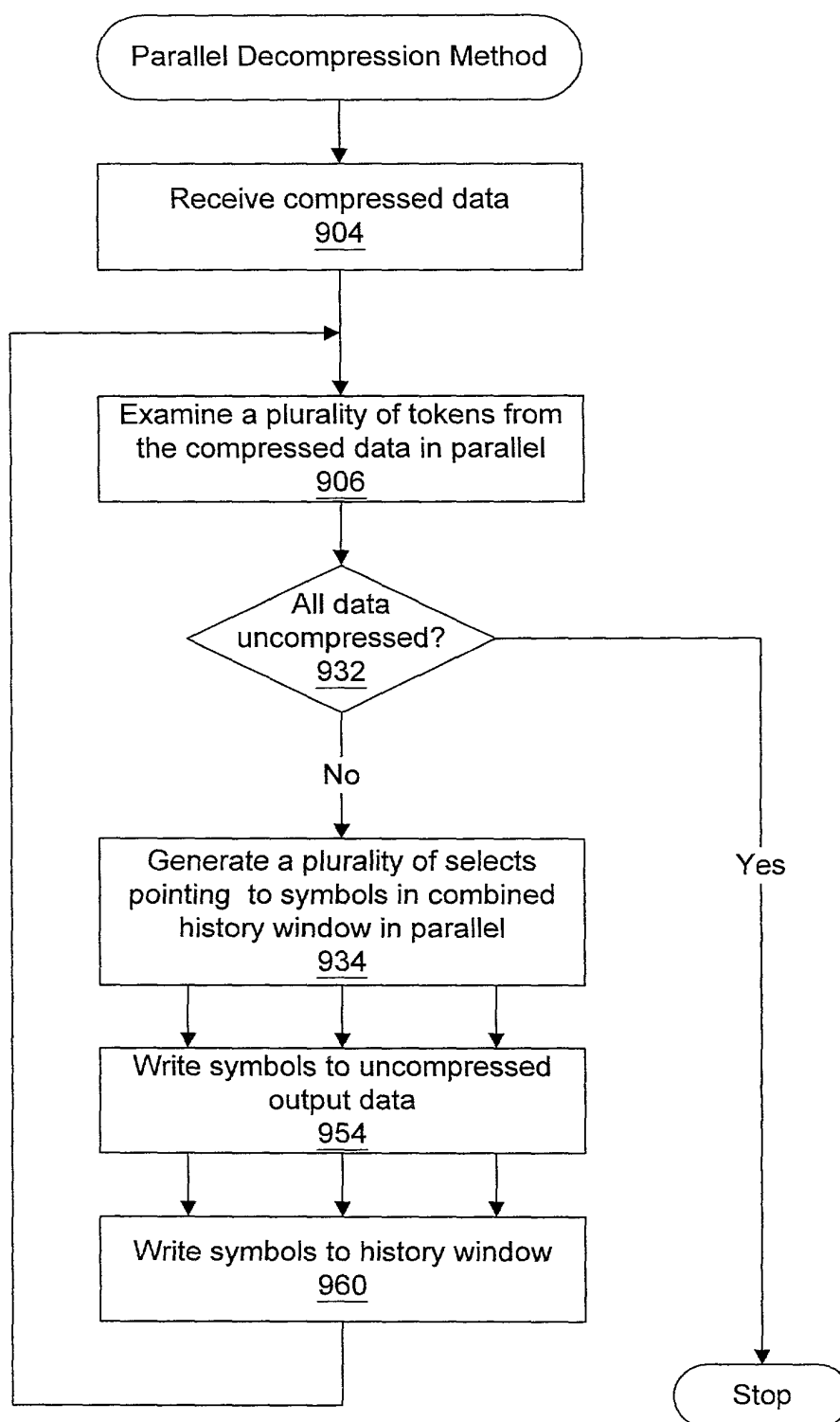


- 4 input bytes, 3 decoders, 4 output bytes

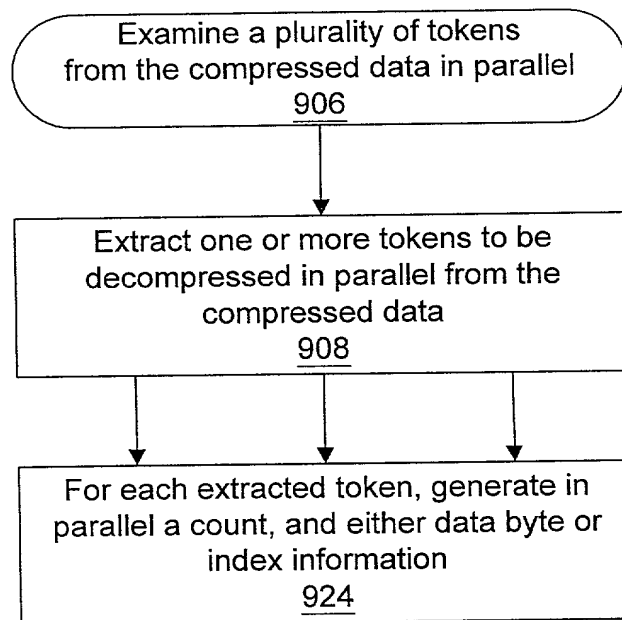
Fig. 22



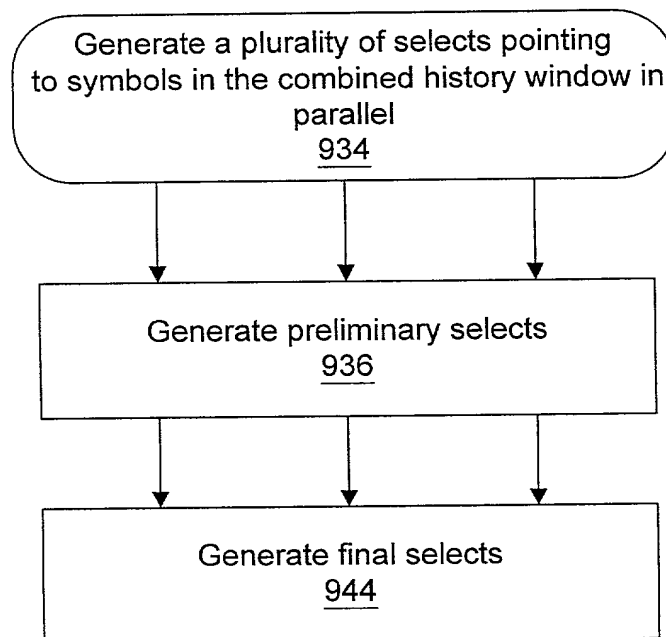
Decompression flowchart
Fig. 23a



Decompression flowchart
Fig. 23b

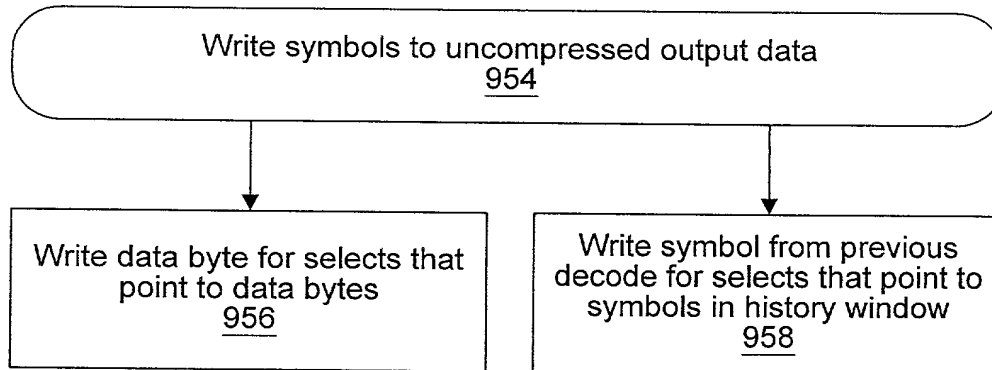


Decompression flowchart

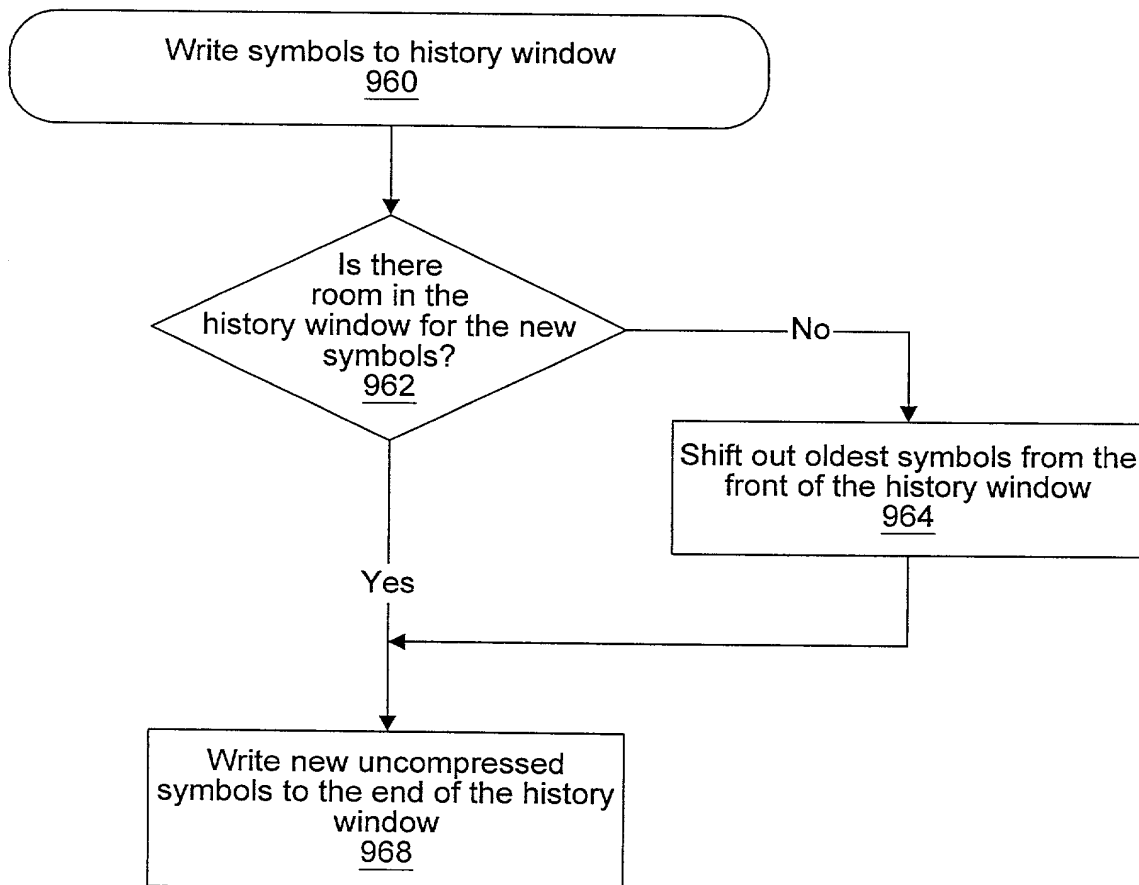
Fig. 23c

Decompression flowchart

Fig. 23d



Decompression flowchart

Fig. 23e

Decompression flowchart

Fig. 23f